AMENDMENT UNDER 37 C.F.R. § 1.114(c)   IBM Ref. No: CA920030106US1

U.S. Appln. No.: 10/816,540   Attorney Docket No.: A8956

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1 - 4.   (canceled).

5.   (previously presented): A computer-implemented method for directing a database server to selectively release database system resources associated with a database system operatively coupled with the database server, the database server accessible by applications, the method comprising ~~the steps of~~:

receiving an online protocol indicator from an application, wherein the online protocol indicator comprises ~~the step of~~ adding a pre-defined keyword to a database statement included in a request sent by the application to the database server,

returning a defined error condition indicator to the application when the application has forwarded the online protocol indicator and when identified system resources are determined to be scarce, and

receiving a commit statement from the application when a response from the database server is determined to comprise the defined error condition indicator,

<u>wherein the application is a multi-transactional application.</u>

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6.   (canceled).

7 - 10. (canceled).

11.   (previously presented): The computer-implemented method of claim 5, wherein the defined error condition indicator is returned to the application if at least one of a lock list and an active log space is full.

12.   (previously presented): The computer-implemented method of claim 11, wherein the database server interrogates the active log to determine if the active log is full.

13.   (previously presented):   The computer-implemented method of claim 11, wherein the database server interrogates the lock list to determine if the lock list is full.

14.   (previously presented):   The computer-implemented method of claim 5, wherein the application issues the commit at any time without changing a logic of the application while the application has forwarded the online protocol indicator.

15.　　(previously presented): The computer-implemented method of claim 5, wherein the request sent by the application to the data base server is one of a statement level and application level flag specification.

16.　　(previously presented): The computer-implemented method of claim 15, wherein the request includes executing a one time request against the database server if the request is the application level flag specification.

17.　　(previously presented): The computer-implemented method of claim 15, wherein the request includes preparing a specified online keyword with every SQL statement if the request is the statement level flag specification.

18.　　(new): The computer implemented method of claim 5, wherein the database statement is an Structured Query Language (SQL) statements.

19.　　(new): The computer implemented method of claim 18, wherein the pre-defined keyword is ONLINE and the keyword ONLINE is included in the SQL statements.

20.   (new): The computer implemented method of claim 5, wherein executing the

commit statement does not affect the logic of the application when the online protocol indicator

is received.

21. (new): A computer-implemented method for directing a database server to

selectively release database system resources associated with a database system operatively

coupled with the database server, the database server accessible by applications, the method

comprising:

receiving a request at the database server to set up an online flag, if an application level

online flag is used;

preparing and executing a structured querying language (SQL) statement with an online

indicator if a statement level online indicator is used;

monitoring responses from the database server by the application to check if an error is

returned;

determining the type of error returned;

executing a commit if the error returned is a log full error or a lock list full error; and

executing a rollback if the error is an SQL error.

22. (new): A computer-implemented method for directing a database server to

selectively release database system resources associated with a database system operatively

coupled with the database server, the database server accessible by applications, the method

comprising:

receiving a request at the database server to perform Structured Querying Language

(SQL) processing from an application;

determining if an active log is full;

determining if lock list is full, if the active log is not full;

determining if an online protocol is set, if the active log is determined to be full or the

lock list is determined to be full;

returning a log full error or lock full error to the requesting application if the online

protocol is set.